

*Southern California Task Force*  
Project Updates

Los Angeles World Airports  
Noise Management Bureau

# Task Force Project Areas

- Beach Communities & Palos Verdes Peninsula
- Monterey Park
- Claremont



# Data Use for Analysis

- **Long Range data 1998/99**

(1998: 4/14-4/27, 7/25-7/31, 8/29-9/4, and 1999: 1/5-1/11)

- 30 miles / 20,000 feet data range for special studies
- Two Weeks in April 98 set as baseline
- One Week in July 98, August 98, and January 99 provide updates



# LAX flights over Beach Comm.

- April versus July and August 98, and January 1999

## Daily Average LAX Overflights

	1998			1999	
	Apr	Jul	Aug	Jan	Change
<b><u>Jets</u></b>					
– Loop	16	8	8	13	-19%
– Go-Arounds	<1	<1	2.4	<1	None
<b><u>Props</u></b>					
	26	10	10	16	-39%



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# LAX flights over Manhattan Beach

- April versus July and August 98, and January 1999

## Daily Average LAX Overflights

	1998			1999	
	Apr	Jul	Aug	Jan	Change
<b><u>Jets</u></b>					
– Loop	14	7	4	8	-43%
– Go-Arounds	<1	<1	<1	<1	None
<b><u>Props</u></b>					
	6	5	7	2	-67%



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# LAX flights over Hermosa Beach

- April versus July and August 98, and January 1999

## Daily Average LAX Overflights

	1998			1999	
	Apr	Jul	Aug	Jan	Change
<b><u>Jets</u></b>					
- Loop	5	2	1	2	- 60%
- Go-Arounds	<1	<1	<1	<1	None
<b><u>Props</u></b>					
	6	2	2	2	- 60%



# LAX flights over Redondo Beach

- April versus July and August 98, and January 1999

## Daily Average LAX Overflights

	1998			1999	
	Apr	Jul	Aug	Jan	Change
<b><u>Jets</u></b>					
– Loop	4	2	4	3	-25%
– Go-Arounds	<1	<1	2	<1	None
<b><u>Props</u></b>					
	29	14	15	11	-62%



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# Loop Departures by Community

		<u>Loop Departures/Day</u>				
		4/98	7/98	8/98	1/99	Change
• <b>Manhattan Beach</b>		14	7	4	8	-43%
	% of All	10%	5%	3%	6%	
• <b>Hermosa Beach</b>		5	2	1	2	-60%
	% of All	4%	1%	1%	1%	
• <b>Redondo Beach (S)</b>		4	2	2	3	-25%
	% of All	3%	1%	1%	2%	



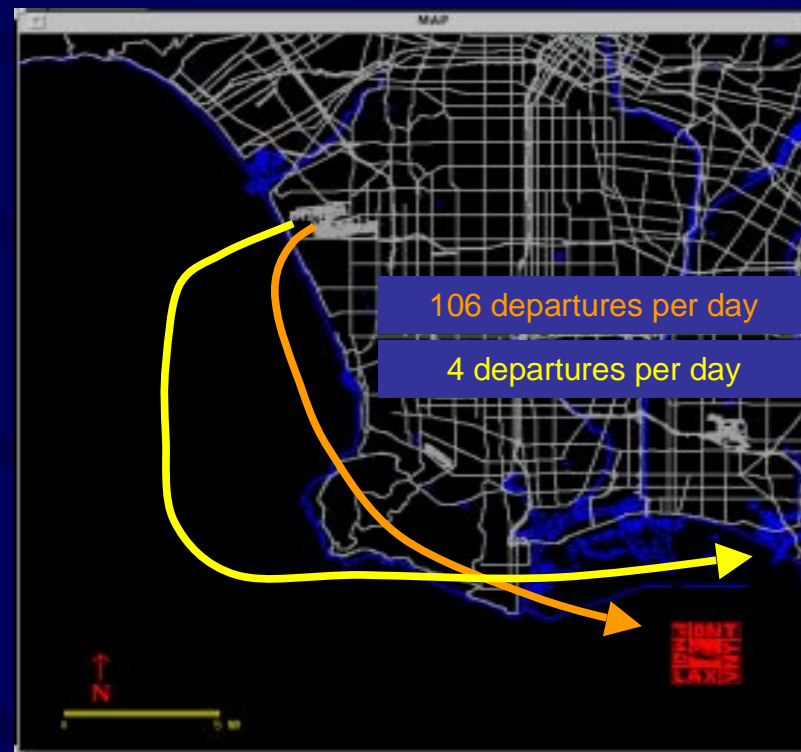


# LAX flights over Palos Verdes

- April versus July 98, August 98, and January 99

## \*Average Daily LAX Overflights\*

	<u>1998</u>			<u>1999</u>	
	Apr	Jul	Aug	Jan	Change
<b>Jets</b>	5	2	2	4	-20%
<b>Props</b>	112	92	80	106	-9%



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# Prop Departures over South Bay

#Prop Departures/Day				
4/98	7/98	8/98	1/99	Change

- **Palos Verdes**

Average Altitude 7000 ft

112	92	80	106	-5%
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- **Torrance**

Average Altitude 7000 ft

61	26	25	34	-44%
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- **Beach Comm.**

26	10	10	11	-58%
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Manhattan Beach Altitude 9000 ft

Hermosa Beach Altitude 6000 ft

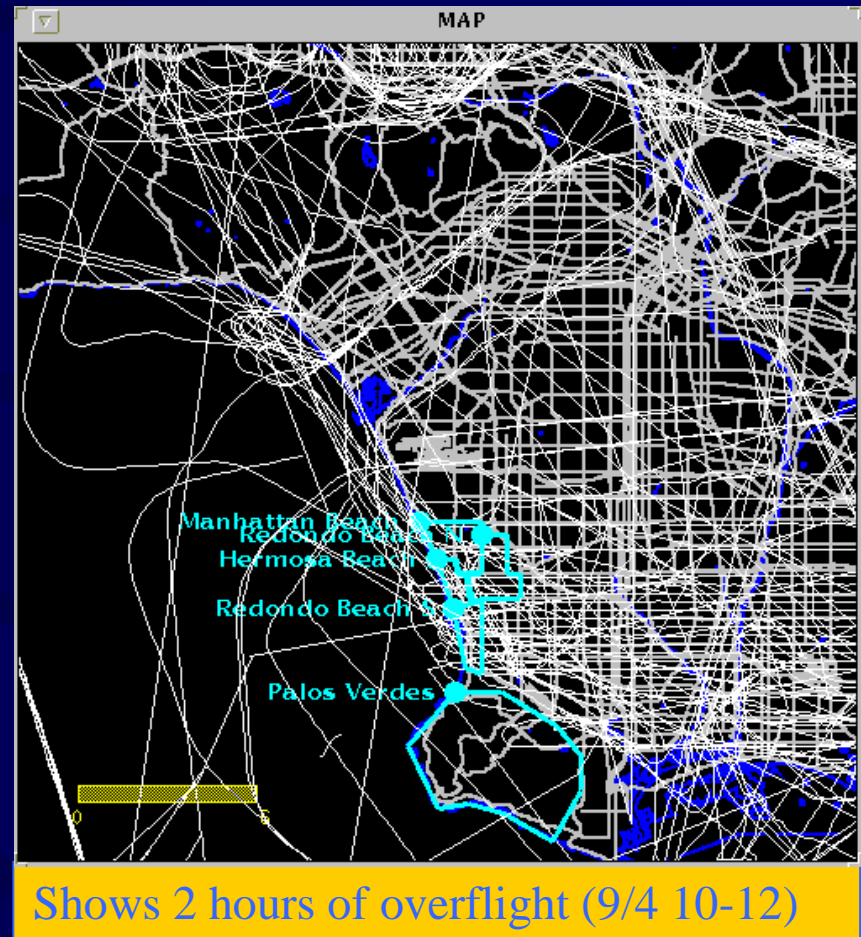
S Redondo Beach Altitude 7000 ft

# Community Overflights of Non-LAX Operations

- April versus July 98, August 98, and January 99

## % Non-LAX Operations

	1998			1999	
	Apr	Jul	Aug	Jan	Change
Palos Verdes	38%	39%	33%	30%	-8%
Manhattan Beach	82%	85%	84%	86%	+4%
Hermosa Beach	85%	91%	87%	91%	+6%



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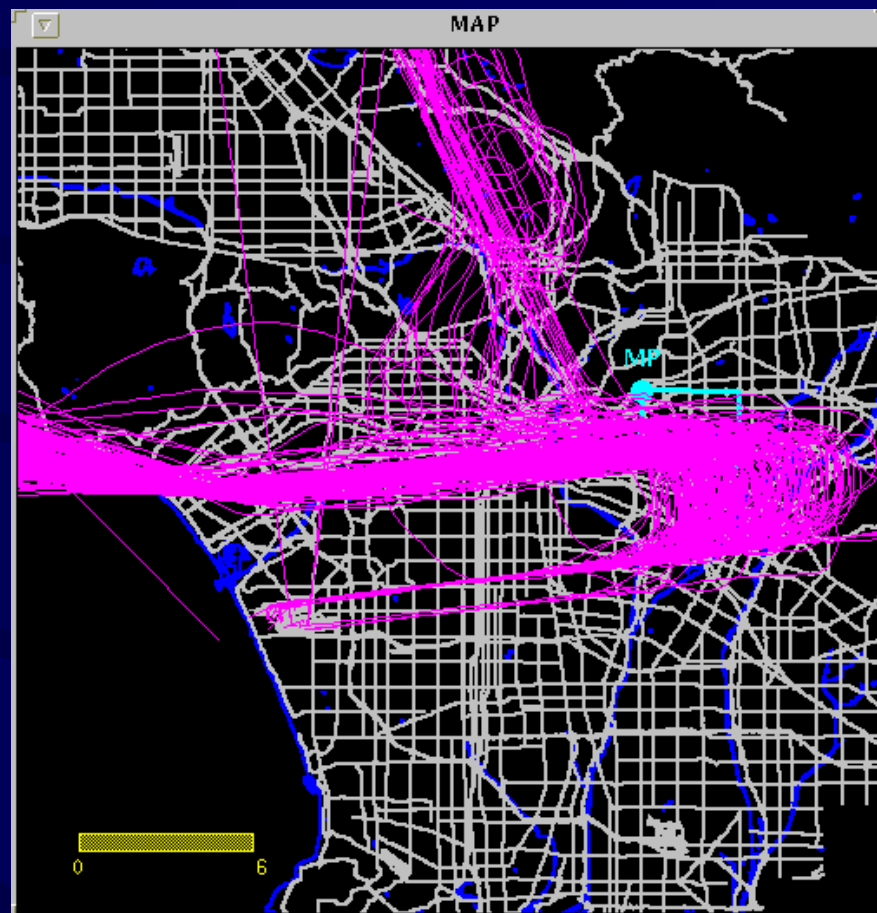
January 29, 1999

# LAX flights over Monterey Park

- April versus July and August 98, and January 99

## Daily Average LAX Overflights

	1998			1999	
	Apr	Jul	Aug	Jan	Change
<b>Jets</b>	35	23	22	7	-80%
<b>Props</b>	21	13	15	15	-29%



Sample day - September 4, '98



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# ONT Departures over Claremont

June - December 1998

## Average Daily ONT Departures

	June	July	Aug	Sept	Oct	Nov	Dec
<b>Comm. Jets</b>	2.0	1.3	1.0	2.1	2.1	2.2	1.6
<b>Bus. Jets</b>	0.3	0.1	0.2	0.1	0.6	0.3	0.3
<b>Total</b>	2.3	1.4	1.2	2.2	2.7	2.5	1.9

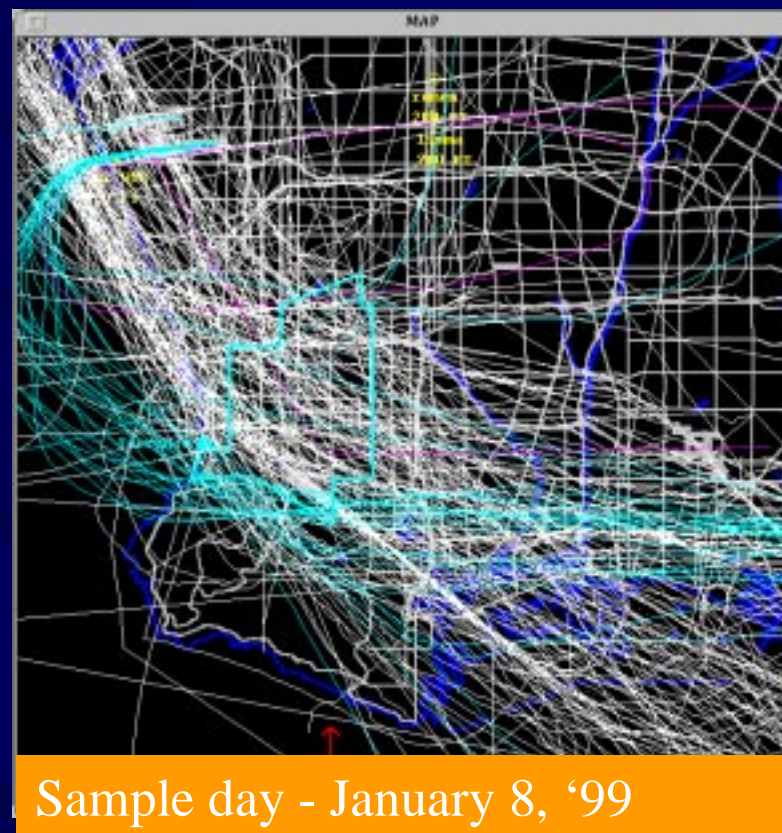




# Torrance - Overflights Overview

Base on January 99 Data (Excluding 1200s)

	# Average Daily Operations	% Total
<u>Non-LAX</u>	<u>161</u>	<u>82%</u>
Jets	14	7%
Props	147	75%
<u>LAX</u>	<u>36</u>	<u>18%</u>
Jets	2	1%
Props	34	17%
<u>TOTAL</u>	<u>197</u>	<u>100%</u>



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# Inglewood - Over-Ocean Arrivals

## Altitude Crossing 405

	<u>Jets</u>	<u>Props</u>
Less than 5000	0%	50%
5000 to <8000	64%	50%
8000 to 10,000	35%	0%
Higher than 10,000	1%	0%
Average Daily Ops.	14	1



Sample day - January 6, '99



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# LAX - Informal Noise Abatement Procedures

- No significant changes from previous compliance rates
- Compliance continues to be extremely high (~99%)
- LAWA will continue monitoring compliance and report any significant changes





# Summary

- Observed a 24% decrease in the number of LAX aircraft overflying the South Bay
- Observed no overall change in flight altitudes for overflights
- LAWA will continue monitoring Task Force Project Areas

